

Title (en)
USE OF A SMART CAMERA FOR CONTROLLING AN INDUSTRIAL AC DRIVE

Title (de)
VERWENDUNG EINER INTELLIGENTEN KAMERA ZUR STEUERUNG EINES INDUSTRIELLEN WECHSELSTROMANTRIEBS

Title (fr)
UTILISATION D'UNE CAMÉRA INTELLIGENTE POUR CONTRÔLER UNE COMMANDE À COURANT ALTERNATIF INDUSTRIELLE

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Application
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Priority
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Abstract (en)
[origin: WO2009074708A1] The invention is based on the idea of connecting a smart camera directly to a frequency converter to control an industrial production process. The smart camera comprises process-specific analyses software. The smart camera takes pictures of an object in the production process and analyzes each picture immediately. Results of the analyses the smart camera sends directly to the control unit of the frequency converter that in turn controls the speed and / or torque of the AC-motor as needed. Smart cameras are capable of taking consecutive pictures at very short intervals and analyzing each picture between shots. Frequency converter's control units are also capable of fast communication and motor control. Thus this invention makes it possible to reach significantly faster response time than what is possible in a system that makes use a programmable logic controller (PLC).

IPC 8 full level
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B02C 25/00 (2013.01); **G06T 1/0014** (2013.01)

Citation (search report)

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CN106966217A

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